

Claims

1. Power branched transmission including a frictional wheel variator and two planetary gears characterized in that the frictional wheel variator (1), the first planetary gear (2) and the second planetary gear (3) being coaxially positioned and behind each other in the power flow direction.

2. Power branched transmission according to Claim 1, characterized in that the power conveyed in the frictional wheel variator (1) being sent coaxially across the first planetary gear (2) by means of the frictional wheel variator (1) to the second planetary gear (3) that is connected to the driven shaft (5).

3. Power branched transmission according to one of the previous claims, characterized in that the first planetary gear (2) being placed between the disc pair of the frictional wheel variator (1).

4. Power branched transmission according to one of the previous claims, characterized in that the outer torus discs (6,7) of the frictional wheel variator (1) being impacted with the motor revolutions, whereby one outer torus disc (6) is connected directly and the second torus disc (7) by means of a flange (8) of the first planetary gear (2) with the motor shaft (4) and whereby the motor shaft (4) is connected across the flange (8) of the first planetary gear (2) with the flange (8') of the second planetary gear (3).

5. Power branched transmission according to one of the previous claims, characterized in that the output power of the frictional wheel variator (1) being conveyed to the sun wheel (9) of the first planetary gear (2), where it is sent across the hollow wheel (10) of the first planetary gear (2) by means of the second disc pair of the frictional wheel variator (1), as viewed in the direction of power flow, to the sun wheel (9') of the second planetary gear (3) and by the components of the frictional wheel variator (1) in the second planetary gear (3) and the direct portion of the motor revolutions being added and being sent across its hollow wheel (10') to the driven shaft (5).

6. Power branched transmission according to one of the previous claims, characterized in that its manifesting a geared-neutral characteristic, so that no shifting elements are envisioned.